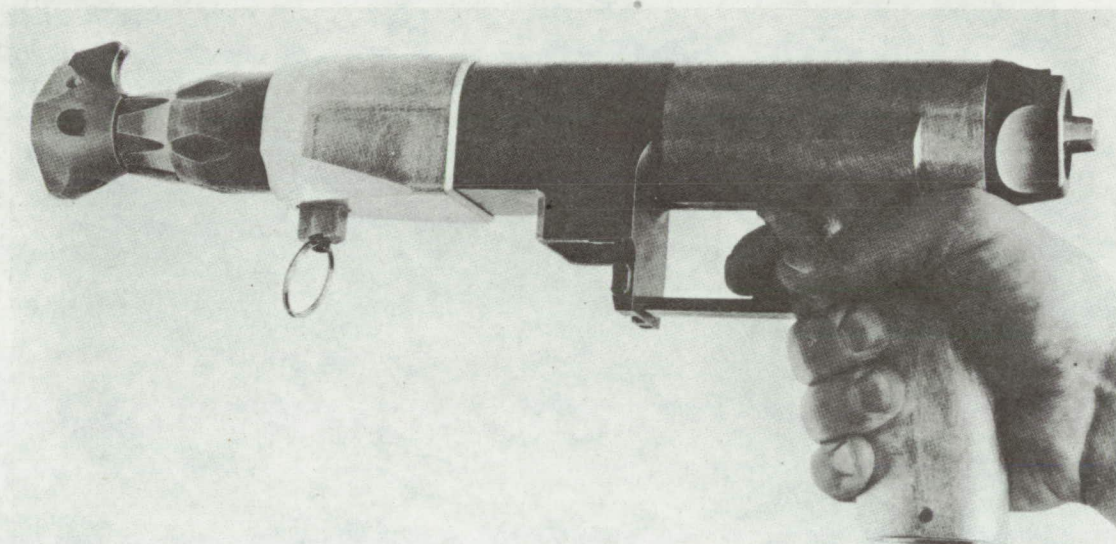


NASA TECH BRIEF



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Versatile Impact Hand Tool



An improved cartridge-actuated impact hand tool, which has been developed, includes a common power head and four attachments to drive forced entry fasteners, punch holes, hammer, and shear. The attachments are self-contained and are easily fitted, as needed, to the power head assembly.

Among the significant features of the tool are: (1) a cartridge magazine which holds a number of cartridges in a belt mounted in a track which includes a detent to align a cartridge with the firing pin; (2) a cartridge feed, which operates upon movement of the barrel to rotate the belt of cartridges; (3) a cocking and firing mechanism, which includes a

dual safety arrangement; (4) a mechanism which permits rapid changing of the various attachments; (5) a simple means of adjusting power; and (6) an I-clip holder in the fastener attachment which holds an I-clip to the tool and after firing holds the tool against the work surface to eliminate recoil.

Note:

Complete details may be obtained from:
Technology Utilization Officer
Marshall Space Flight Center
Huntsville, Alabama 35812
Reference: B68-10371

(continued overleaf)

Patent status:

Inquiries about obtaining rights for the commercial use of this invention may be made to NASA, Code GP, Washington, D.C. 20546.

Source: E. R. Hodil
of Olin Winchester-Western Division
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